



Blast 2 Sequences results

PubMedEntrezBLASTOMIMTaxonomyStructure

BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.4 [Aug-26-2002]

Matrix

BLOSUM62

 gap open:

11

 gap extension:

1

x_dropoff:

50

 expect:

10.0

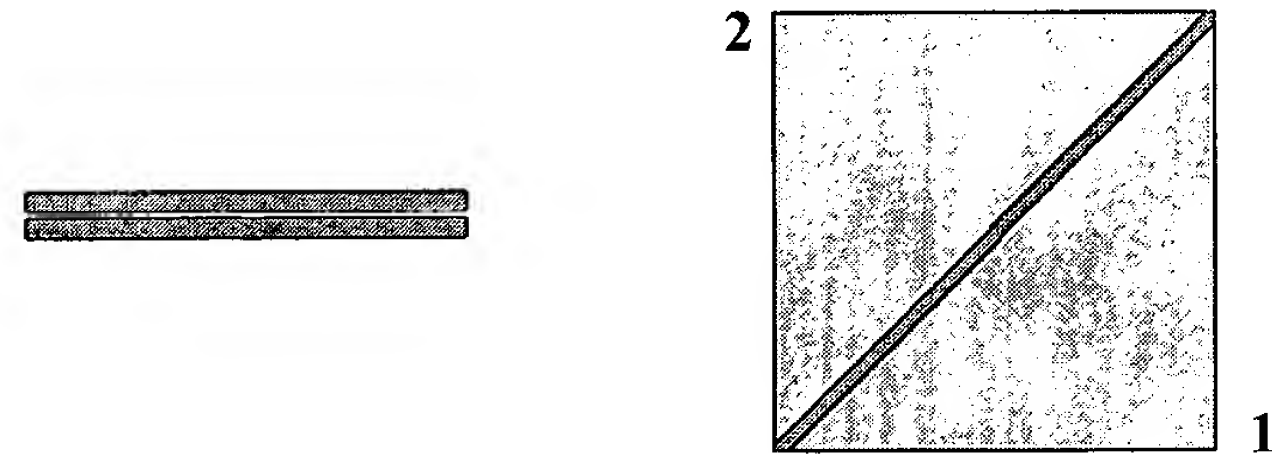
 wordsize:

3

 Filter ☒ Align

Sequence 1gi_674655410-deacetylba...Length 440 (1 .. 440)

Sequence 2gi_1803465510-deacetylba...Length 440 (1 .. 440)



NOTE:The statistics (bitscore and expect value) is calculated based on the size of nr database

Score = 857 bits (2215), Expect = 0.0
Identities = 430/440 (97%), Positives = 432/440 (97%)

Query: 1MAGSTEFVVRSLERVMVAPSQSPKAF...60

Sbjct: 1MAGSTESVVRSLERVMVAPSQSPKAF...60

Query: 61AKVIRQALSKVLVYYSPFAGRLRKKENG...120

Sbjct: 61AKVIRQALSKVLVYYSPFAGRLRKKENG...120

Query: 121PSLEQLLFCLPPDTDIEDIHPLVVQVTR...180

Sbjct: 121PSLEQLLFCLPPDTDIEDIHPLVVQVTR...180

Query: 181ARGEIKPSSEPIWKRELLKPEDPLYRFQY...240

Sbjct: 181ARGEIKPSSEPIWKRELLKPEDPLYRFQY...240

Query: 241QCLREESKEFCSAFEVVSALAWIARTRAL...300

Sbjct: 241QCLREESKEFCSAFEVVSALAWIARTRAL...300

Query: 301FVGTVCAMDNVKDLLSGSLLRVVRIIKKAK...360

Sbjct: 301FVGTVCAMDNVKDLLSGSLLRVVRIIKKAK...360

Query: 361GDRRRLGFDEVDFGWGHADNVSLVQHGLK...420

Sbjct: 361GDRRRLGFDEVDFGWGHADNVSLVQHGLK...420

Query: 421IVKSFKFEMETMTNKYVTKP 440

I+KSFKFEMETMTNKYVTKP

Sbjct: 421 IMKSFKFEMETMTNKYVTKP 440

CPU time: 0.08 user secs. 0.03 sys. secs 0.11 total secs.

Lambda	K	H
0.321	0.139	0.414

Gapped

Lambda	K	H
0.267	0.0410	0.140

Matrix: BLOSUM62

Gap Penalties: Existence: 11, Extension: 1

Number of Hits to DB: 1809

Number of Sequences: 0

Number of extensions: 119

Number of successful extensions: 1

Number of sequences better than 10.0: 1

Number of HSP's better than 10.0 without gapping: 1

Number of HSP's successfully gapped in prelim test: 0

Number of HSP's that attempted gapping in prelim test: 0

Number of HSP's gapped (non-prelim): 1

length of query: 440

length of database: 414,047,803

effective HSP length: 129

effective length of query: 311

effective length of database: 414,047,674

effective search space: 128768826614

effective search space used: 128768826614

T: 9

A: 40

X1: 16 (7.4 bits)

X2: 129 (49.7 bits)

X3: 129 (49.7 bits)

S1: 41 (21.9 bits)

S2: 76 (33.9 bits)